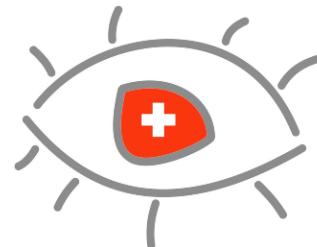
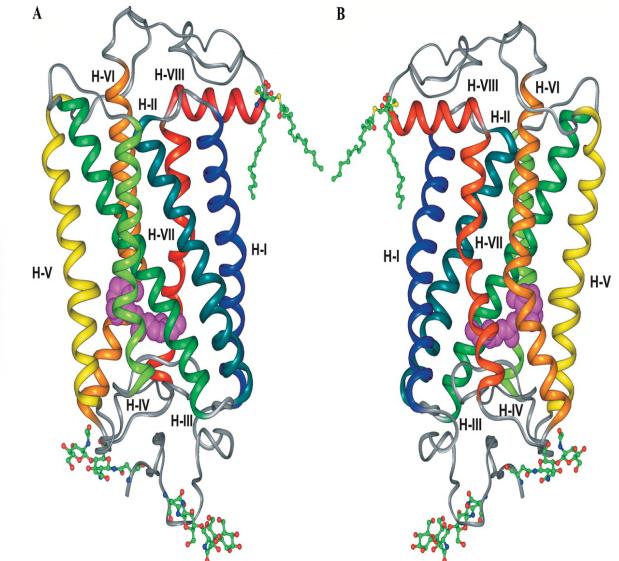
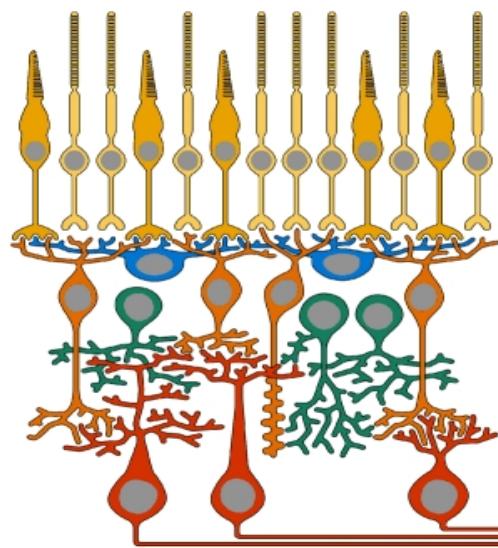
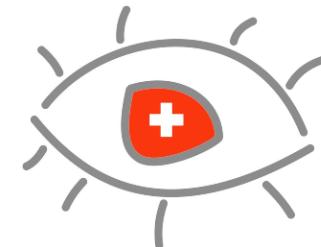


SWISS EYE RESEARCH MEETING 2014 (SERM2014)



Venue: Hotel Elite, Biel
Date: Jan 23 – Jan 24, 2014



Thursday; January 23, 2014

TIME	TEAM	SPEAKERS	AFFILIATION	MODERATOR	
10:00 – 10:45	WELCOME COFFEE				
10:45 – 11:00	Welcome	Christian Grimm	Lab for Retinal Cell Biology; Dept. Ophthalmol., Univ. of Zürich		
11:00 – 11:30	Team GRIMM <i>Retina</i>	Jadwiga Oczos Marijana Samardzija	Lab for Retinal Cell Biology; Dept. Ophthalmol., Univ. of Zürich	Albert Neutzner	
11:30 – 12:15	Team NEUTZNER <i>Retina</i>	Claudia Bippes Lei Fang Li Jia	Univ. Eye Hospital, Basel	Yvan Arsenijevic	
12:15– 12:30	Team EULER <i>Retina</i>	Tom Baden	Centre for Integrative Neurosci. (CIN), Univ. of Tübingen, GER		
12:30 – 14:00	LUNCH * LUNCH * LUNCH *				
14:00 – 14:30	Team ZINKERNAGEL <i>Retina</i>	Chantal Dysli Cavit Agca	Dept. of Ophthalmology, Inselspital, Univ. of Bern	Stephan Neuhauss	
14:30 – 15:00	Team SEELIGER <i>Retina</i>	Marina Garcia Garrido Vithiyanjali Sohilingam	Institute for Ophthalmic Research, Univ. of Tübingen, GER		
15:00 – 15:45	Team ENZMANN <i>Retina</i>	Jasmin Balmer Carolyn Trepp Miriam Reisenhofer	Exp. Ophthalmology, Dept. of Ophthalmology, Inselspital, Univ. of Bern	Mathias Seeliger	
15:45 – 16:15	COFFEE BREAK * COFFEE BREAK * COFFEE BREAK *				
SPECIAL TALK 16:15 – 17:00	THOMAS LANGMANN: <i>Innate Immunity in Retinal Degeneration: Just Bystander or Target for Therapy?</i>		<i>Dept. Ophthalmology, Exp. Immunology of the Eye, Univ. of Cologne, Cologne, GER</i>	Christian Grimm	
17:00 – 17:15	Team STOCKER <i>Retina</i>	Christin Bolze	Dept. of Chemistry and Biochemistry, Univ. of Bern	Wolfgang Berger	
17:15 – 18:00	Team RIVOLTA <i>Retina</i>	Carlo Rivolta Giulia Venturini Konstantinos Nikopoulos	Dept. of Medical Genetics, Univ. of Lausanne		
19:30	APÉRO * APÉRO * APÉRO *				
20:00	DINNER * DINNER * DINNER *				

Friday; January 24, 2014

TIME	TEAM	SPEAKERS	AFFILIATION	MODERATOR
09:00 – 09:15	Team ALI <i>Retina</i>	Ulrich Luhmann	UCL Inst. of Ophthalmology, Dept. of Genetics; London, UK	Carlo Rivolta
09:15 – 09:45	Team ARSENIJEVIC <i>Retina</i>	Sarah Decembrini Corinne Kostic	Jules Gonin Eye Hospital, Univ. of Lausanne	
09:45 – 10:15	Team BEHAR-COHEN <i>Retina</i>	Emilie Picard Min Zhao	Jules Gonin Eye Hospital, Univ. of Lausanne Université Paris Descartes; Paris, F	Volker Enzmann
10:15 – 10:45	COFFEE BREAK *	COFFEE BREAK *	COFFEE BREAK *	COFFEE BREAK *
10:45 – 11:15	Team NEUHAUSS <i>Retina</i>	Lucia Cadetti Stephanie Niklaus	Institute of Molecular Life Sciences, Univ. of Zürich	Pascal Escher
11:15 – 11:45	Team BERGER <i>Retina, Lens</i>	Michel Bielecki Barbara Kloeckener	Institute of Medical Molecular Genetics, Univ. of Zürich	Raphael Roduit
SPECIAL TALK 11:45 – 12:30	MARIUS ADER: <i>Cell Replacement Strategies in the Mammalian Retina</i>		CRTD/DFG-Center for Regenerative Therapies, Univ. of Technology (TU), Dresden, GER	Christian Grimm
12:30 – 14:00	LUNCH *	LUNCH *	LUNCH *	LUNCH *
14:00 – 14:45	Team SCHORDERET <i>Retina</i>	Sandar Cottet Pascal Escher Valeria Kheir	Institut de Recherche en Ophtalmologie (IRO), Sion	Farhad Hafezi
14:45 – 15:45	Team HAFEZI <i>Cornea</i>	Farhad Hafezi Olivier Richoz Florence Hoogewoud David Tabibian	Laboratory for Ocular Cell Biology, Geneva University Hospital, Geneva	Francine Behar-Cohen
16:00 – 16:15	AWARDS FOR BEST PRESENTATIONS: RETINA SUISSE			
16:15	FAREWELL COFFEE *			

Presentations

SPECIAL TALKS

THOMAS LANGMANN

INNATE IMMUNITY IN RETINAL DEGENERATION: JUST BYSTANDER OR TARGET FOR THERAPY?
Dept. Ophthalmology, Exp. Immunology of the Eye, Univ. of Cologne, Cologne, GER.

MARIUS ADER

CELL REPLACEMENT STRATEGIES IN THE MAMMALIAN RETINA
CRTD/DFG-Center for Regenerative Therapies Dresden, University of Technology (TU) Dresden, GER

Team ALI (UCL Institute of Ophthalmology, Department of Genetics, London, UK):

SPEAKER:

- **Ulrich Luhmann** The severity of retinal pathology in homozygous *Crb1 rd8/rd8* mice is dependent on additional genetic factors.
-

Team ARSENIJEVIC (Jules Gonin Eye Hospital, University of Lausanne):

SPEAKERS:

- **Sarah Decembrini** Derivation of traceable and transplantable photoreceptors from mouse embryonic stem cells.
 - **Corinne Kostic** Pupil responses to selective wavelength (colored) light stimulation in healthy and retinal degenerated mice.
-

Team BEHAR-COHEN (Jules Gonin Eye Hospital, University of Lausanne; Université Paris Descartes; Paris, France):

SPEAKERS:

- **Emilie Picard** Iron homeostasis in retinal physiopathology: new therapeutic approach.
 - **Min Zhao** Role of mineralocorticoid receptor in retinal physiopathology.
-

Team BERGER (Institute of Medical Molecular Genetics, University of Zürich):

SPEAKERS:

- Michel Bielecki Structural and functional characterization of the cataract-associated monocarboxylate transporter 12 (MCT12).
 - Barbara Kloeckener Genetic association with visual acuity response after Ranibizumab treatment of neovascular AMD.
-

Team ENZMANN (Exp. Ophthalmology, Dept. of Ophthalmology, Inselspital, University of Bern):

SPEAKERS:

- Jasmin Balmer Sodium iodate-induced cell death pathways *in vivo* and *in vitro*.
 - Carolyn Trepp *In vitro* differentiation of human neuronal stem cells towards RPE-like cells.
 - Miriam Reisenhofer Müller Cells: A potential source for retinal regeneration?
-

Team EULER (Centre for Integrative Neuroscience (CIN), University of Tübingen, Germany):

SPEAKER:

- Tom Baden What the mouse's eye tells the mouse's brain: Optical recording of the eye's entire output at a single retinal location.
-

Team GRIMM (Lab for Retinal Cell Biology, Dept. of Ophthalmology, University of Zürich):

SPEAKERS:

- Marijana Samardzija Effects of blue light exposure on the all-cone retina of the *R91W;Nrl^{-/-}* mouse.
 - Jadwiga Oczos Searching for a physiological link between paraoxonase-1 and AMD.
-

Team HAFEZI (Laboratory for Ocular Cell Biology, Geneva University Hospital):

SPEAKERS:

- **Farhad Hafezi** PACK-CXL for the treatment of corneal infections.
 - **Olivier Richoz** Optimizing fluence settings and riboflavin in PACK-CXL.
 - **Florence Hoogewoud** A new *in vitro* method to evaluate the pathogen killing rate in PACK-CXL.
 - **David Tabibian** Influence of pregnancy on corneal biomechanics: preliminary data.
-

Team NEUHAUSS (Institute of Molecular Life Sciences, University of Zürich):

SPEAKERS:

- **Lucia Cadetti** Excitatory amino acid transporters at the first retinal synapse of zebrafish.
 - **Stephanie Niklaus** Glutamate signalling at the photoreceptor synapse.
-

Team NEUTZNER (University Eye Hospital, Basel):

SPEAKERS:

- **Claudia Bippes** Transducible artificial transcription factors - a novel therapeutic approach.
 - **Lei Fang** MARCH5 inactivation supports mitochondrial function and cell survival during neurodegenerative stress.
 - **Li Jia** Meningothelial cells as part of the central nervous system host defense.
-

Team RIVOLTA (Department of Medical Genetics, University of Lausanne):

SPEAKERS:

- **Carlo Rivolta** Whole genome sequencing identifies a novel gene for recessive *Retinitis Pigmentosa*.
 - **Giulia Venturini** MAK and DHDDS are frequently mutated in North American Jewish patients.
 - **Konstantinos Nikopoulos** Homozygosity mapping and disease genes screening in Pakistani families with inherited retinal dystrophies.
-

Team SCHORDERET (Institut de Recherche en Ophtalmologie (IRO), Sion):

SPEAKERS:

- Sandra Cottet Cytoprotective action of alpha-crystallin in retinal cell death and BAX-induced apoptosis.
 - Pascal Escher Of mice and nuclear receptors.
 - Valeria Kheir Can the phenotype help in screening genes for ectopia lentis?
-

Team SEELIGER (Division Ocular Neurodegen., Centre for Ophthalmol., Inst. Ophthalmic Res., Univ. of Tübingen):

SPEAKERS:

- Marina Garcia Garrido Towards a quantitative OCT image analysis.
 - Vithyanjali Sothilingam Long-term preservation of cone vision following rod-specific gene therapy in RP.
-

Team STOCKER (Dept. of Chemistry and Biochemistry, University of Bern, Switzerland):

SPEAKER:

- Christin Bolze Human cellular retinaldehyde-binding protein has secondary thermal 9-cis-retinal isomerase activity.
-

Team ZINKERNAGEL (Dept. of Ophthalmology, Inselspital, University of Bern):

SPEAKERS:

- Chantal Dysli Fluorescence lifetime imaging of human RPE cell cultures.
 - Cavit Agca A detailed analysis of a branch vein occlusion model in mouse retina.
-

MANY THANKS TO THE SPONSORS OF THE SWISS EYE RESEARCH MEETING...



...AND TO THE SPONSORS OF THE SWISS EYE WEEK

